



## **CarbonCapture Inc. Announces Five Megaton Direct Air Capture and Storage Project in Wyoming**

Project Bison to be the first massively scalable deployment of DAC in the U.S. and the first to use Class VI wells for permanent CO<sub>2</sub> storage



Artist's rendering of Project Bison, a 5-megaton carbon removal project in Wyoming. (Graphic: Business Wire)

September 08, 2022 08:00 AM Eastern Daylight Time

LOS ANGELES--(BUSINESS WIRE)--CarbonCapture Inc. (CarbonCapture), a U.S. climate tech company that develops direct air capture (DAC) systems based on a groundbreaking modular open systems architecture, today announced an exclusive partnership with leading carbon storage developer Frontier Carbon Solutions targeted to permanently remove five million tons of atmospheric CO<sub>2</sub> annually by 2030.

"With the passage of the Inflation Reduction Act, the proliferation of companies seeking high-quality carbon removal credits, and a disruptive low-cost technology, we now have the ingredients needed to scale DAC to megaton levels by the end of this decade," said Adrian Corless, CEO and CTO, CarbonCapture Inc. "We plan to have our first DAC modules fielded by the end of next year and to continue installing capacity as quickly as modules come off our production line. Our goal is to leverage economies of scale to offer the lowest priced DAC-based carbon removal credits in the market."

Wyoming was selected as the project's location due to the broad availability of renewable and zero carbon energy sources as well as the favorable regulatory and operating environment for carbon storage. The project is expected to be operational by late 2023, at which point it would be the first atmospheric carbon removal facility to use Class VI wells for permanent storage as well as the first massively scalable DAC project in the United States.

"Safe, permanent carbon storage and direct air capture are foundational to a low-carbon economy," said Robby Rockey, President and COO of Frontier Carbon Solutions, a portfolio company of Tailwater Capital. "With CarbonCapture's DAC technology and Frontier's storage assets, this partnership will scale these

critical industries in Wyoming, ultimately bringing more investment capital and jobs to the state.”

The partnership, named Project Bison, will deploy CarbonCapture’s DAC modules atop Frontier’s CO<sub>2</sub> transportation and storage infrastructure in Wyoming. Developed over multiple phases through 2030, the project will meet the rapidly growing demand for carbon removal credits. Advanced sales have begun, with CO<sub>2</sub> (by TIME) and Cloverly supporting the project as core channel partners.

“It’s our privilege to be an early partner of CarbonCapture,” said Simon Mulcahy, CEO of CO<sub>2</sub> and President, Sustainability of TIME. “We’re committed to supporting high-quality climate impact solutions, including engineered carbon removal solutions. This is key to any long-run approach to addressing climate change. We’re incredibly excited to bring our clients some of the first carbon removal credits coming out of Project Bison.”

“We are excited to make these high-quality carbon credits accessible to everyone who wants to take positive climate action,” added Jason Rubottom, CEO, Cloverly.

A federal interagency working group has designated parts of Wyoming as some of the nation’s most impacted communities from coal mine and power plant closures. CarbonCapture is working closely with community stakeholders to ensure that Project Bison offers well-paying energy transition-related jobs and preserves the wildlife and natural beauty that makes Wyoming unique.

“The state of Wyoming is proud to be selected as the first location for megaton-scale direct air capture and to continue our leadership in the storage of CO<sub>2</sub>,” said Mark Gordon, Governor of Wyoming. “We have the perfect CO<sub>2</sub> storage geology and a broad-based energy strategy that includes CO<sub>2</sub> sequestration hubs.”

#### **About CarbonCapture Inc.**

CarbonCapture develops and deploys direct air capture (DAC) machines that can be connected in large arrays to remove massive amounts of CO<sub>2</sub> from the atmosphere. With a groundbreaking modular open systems architecture, CarbonCapture’s technology platform allows for a broad range of sorbent options, plug-and-play upgrades, mass production, unlimited scalability, and rapid technology iterations. CarbonCapture’s systems run on zero-emissions energy, capturing atmospheric CO<sub>2</sub> for either permanent atmospheric carbon removal or for producing low-carbon synthetic fuels.

More information: [carboncapture.com](https://carboncapture.com)

Media contact: [media@carboncapture.com](mailto:media@carboncapture.com)

#### **About Frontier Carbon Solutions**

Dallas-based Frontier Carbon Solutions was founded in April 2021 to provide carbon capture, transportation, and sequestration services to industrial emitters through the investment, development, and operation of commercial CCUS infrastructure. Frontier is actively developing multiple projects in the Rocky Mountain Region and Canada, and is a portfolio company of Tailwater Capital, a growth-oriented energy and growth infrastructure private equity firm.

More information: [frontierccus.com](https://frontierccus.com)

## **Contacts**

Media contact: [info@frontierccus.com](mailto:info@frontierccus.com)

## Tweets from @CarbonCaptureUS

Follow on Twitter

**CarbonCapture Inc.** @CarbonCaptureUS · Sep 23



The world's largest carbon removal project yet is headed for Wyoming [theverge.com/2022/9/23/2335...](https://theverge.com/2022/9/23/2335...) via @Verge

theverge.com

The world's largest carbon removal project yet is headed f...  
Here's how it would work and what challenges are ahead.



5



**CarbonCapture Inc.** @CarbonCaptureUS · Sep 21



We are excited to be attending the @USEnergyAssn 4th Annual #AdvanceTechnologyForum tomorrow with @JonasPhillipLee, Chief Commercial Officer @CarbonCaptureUS speaking on Roundtable Four. It won't be one to miss!  
[#AETF](#) [#USEA](#) [#CarbonCapture](#)

**U.S. Energy Association** @USEnergyAssn · Sep 20



USEA's 4th Annual Advanced Energy Technology Forum is on Thursday!

This year's program will feature four roundtables with 20 total panelists, and a ...



3

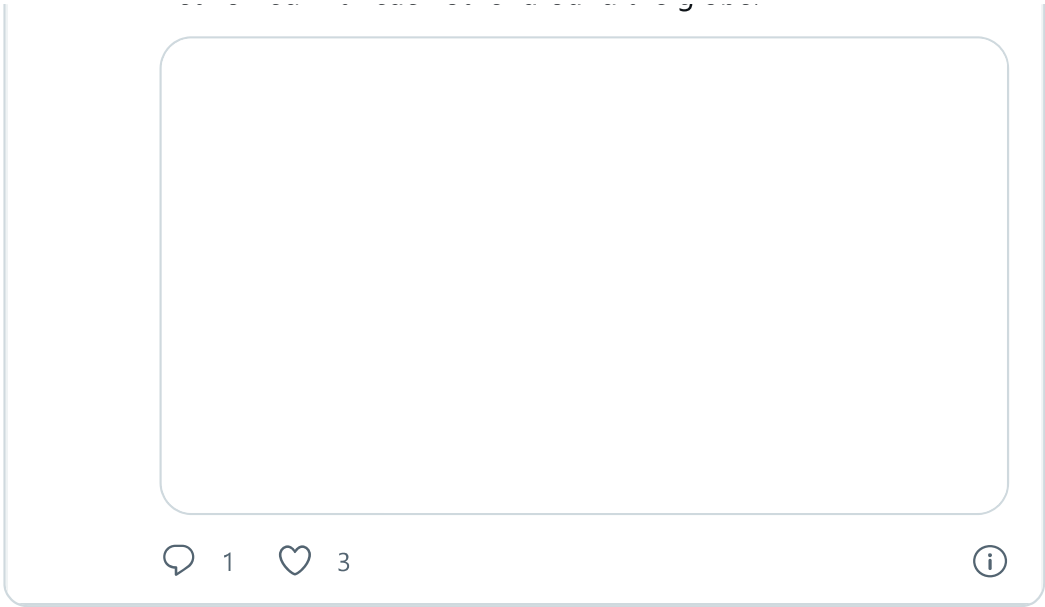


**CarbonCapture Inc.** Retweeted

**Idealab** @Idealab · Sep 21



New company headquarters for @CarbonCaptureUS [bit.ly/3Sox97i](https://bit.ly/3Sox97i) via @Samsonamore @dotLA. "CarbonCapture's goal is to develop technology that removes carbon dioxide from the atmosphere with direct air capture machines networked with each other around the globe."



#Hashtags

- #ClimateTech
- #ProjectBison
- #CarbonRemovalCredits
- #CarbonCapture
- #Decarbonization
- #ClimateChange
- #FrontierCarbonSolutions
- #CarbonRemoval
- #Sustainability
- #CarbonCaptureInc
- #DirectAirCapture

Social Media Profiles

CarbonCapture Inc.

CarbonCapture Inc.

CarbonCapture Inc.

CarbonCapture Inc.

CarbonCapture Inc.